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(54) Title: SOLID-PHASE AND SOLUTION-PHASE SYNTHESIS OF GLYCOSYLPHOSPHATIDYLINOSITOL GLYCANS

(57) Abstract: One aspect of the present invention relates to solution-phase approaches to GPI synthesis. Another aspect of the present invention relates to key building blocks, and syntheses thereof, useful for GPI assembly. Yet another aspect of the invention relates to an automated method for the synthesis of GPIs and fragments thereof.

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched																										
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)																										
C. DOCUMENTS CONSIDERED TO BE RELEVANT <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 2px;">Category *</th> <th style="text-align: left; padding: 2px;">Citation of document, with indication, where appropriate, of the relevant passages</th> <th style="text-align: left; padding: 2px;">Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">X</td> <td style="padding: 2px;">JAWOREK C.H. et al. Synthesis of Inositol Glycan Cyclic Phosphates; Carbohydrate Research January 2001, Vol 331 No. 4, pages 375-391.</td> <td style="padding: 2px;">1,2,4-9</td> </tr> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;"></td> <td style="padding: 2px;">3,9,10</td> </tr> <tr> <td style="padding: 2px;">A</td> <td style="padding: 2px;">US 6,004,938 (FRICK et al) 21 December 1999 (21.12.1999).</td> <td style="padding: 2px;">1-30</td> </tr> <tr> <td style="padding: 2px;">A</td> <td style="padding: 2px;">US 2001/0056072 A1(MARTIN-LOMAS et al) 27 December 2001 (27.12.2001).</td> <td style="padding: 2px;">1-30</td> </tr> <tr> <td style="padding: 2px;">A</td> <td style="padding: 2px;">US 2001/0041677 A1 (MARTIN-LOMAS et al) 15 November 2001 (15.11.2001).</td> <td style="padding: 2px;">1-30</td> </tr> <tr> <td style="padding: 2px;">A</td> <td style="padding: 2px;">US 2001/0051606 A1 (MARTIN-LOMAS et al) 13 December 2001 (13.12.2001).</td> <td style="padding: 2px;">1-30</td> </tr> <tr> <td style="padding: 2px;">A</td> <td style="padding: 2px;">US 2001/0053767 A1 (MARTIN-LOMAS et al) 20 December 2001 (20.12.2001).</td> <td style="padding: 2px;">1-30</td> </tr> </tbody> </table>			Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X	JAWOREK C.H. et al. Synthesis of Inositol Glycan Cyclic Phosphates; Carbohydrate Research January 2001, Vol 331 No. 4, pages 375-391.	1,2,4-9	Y		3,9,10	A	US 6,004,938 (FRICK et al) 21 December 1999 (21.12.1999).	1-30	A	US 2001/0056072 A1(MARTIN-LOMAS et al) 27 December 2001 (27.12.2001).	1-30	A	US 2001/0041677 A1 (MARTIN-LOMAS et al) 15 November 2001 (15.11.2001).	1-30	A	US 2001/0051606 A1 (MARTIN-LOMAS et al) 13 December 2001 (13.12.2001).	1-30	A	US 2001/0053767 A1 (MARTIN-LOMAS et al) 20 December 2001 (20.12.2001).	1-30
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